LISTING OF CLAIMS

Please amend claims 1 and 7 as follows:

1. (currently amended) A method for synthesizing a calix[4]hydroquinone(CHQ) organic nanotube, which comprises dissolving CHQ in an aqueous acetone solution, and allowing acetone to evaporate off the resulting solution at a temperature ranging from 0 to 20 ℃ to effectuate CHQ crystallization into a self-assembled nanotube.

2. (previously amended) The method of claim 1, wherein cesium sulfate(Cs_2SO_2) is added to the aqueous acetone solution as a crystallization promoter.

3. (previously amended) The method of claim 1, wherein the nanotube is in the form of a self-assembled tubular crystal.

4. (previously amended) A calix[4]hydroquinone(CHQ) organic nanotube synthesized by the method according to claim 1.

5. (previously amended) A method for synthesizing a nanowire, which comprises adding the calix[4]hydroquinone(CHQ) organic nanotube of claim 4 to an aqueous solution containing a metal salt to let the metal ion enter the cavity of the nanotube and allowing the metal ion to be reduced to form a nanowire.

6. (original) The method of claim 5, wherein the metal salt is a salt of a metal having an oxidation potential of at least 0.7 V.

7. (currently amended) The method of claim 6, wherein the metal is selected from the group consisting of silver, gold, palladium, platinum and mercury.

8. (previously amended) The method of claim 5, wherein the reduction of the metal ion is carried out under UV irradiation.

9. (canceled)